

Title (en)  
Signal processing device

Title (de)  
Signalverarbeitungsvorrichtung

Title (fr)  
Dispositif de traitement de signal

Publication  
**EP 2043355 A1 20090401 (EN)**

Application  
**EP 08163050 A 20080827**

Priority  
JP 2007247418 A 20070925

Abstract (en)  
A first candidate selection portion 130 selects formant candidates based on the horizontal synchronizing cycle and the vertical synchronizing cycle of an input video signal. A second candidate selection portion 140 selects formats having the tolerance ranges for the horizontal synchronizing cycles within which the horizontal synchronizing cycle of the input video signal falls as format candidates. A format decision portion 160 determines the format of the input video signal from format candidates from the first candidate selection portion 130 when format candidate (s) is obtained by the first candidate selection portion 130, and determines the format of the input video signal from format candidates selected by the second candidate selection portion 140 when no format candidate is obtained by the first candidate selection portion 130.

IPC 8 full level  
**G09G 5/00** (2006.01); **G09G 5/18** (2006.01); **H04N 5/04** (2006.01); **H04N 5/46** (2006.01); **H04N 5/66** (2006.01)

CPC (source: EP KR US)  
**G09G 5/00** (2013.01 - KR); **G09G 5/008** (2013.01 - EP US); **G09G 5/12** (2013.01 - KR); **H04N 3/27** (2013.01 - KR); **H04N 5/04** (2013.01 - KR); **G09G 2320/08** (2013.01 - EP US)

Citation (applicant)  
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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2043355 A1 20090401**; CN 101430874 A 20090513; JP 2009080171 A 20090416; KR 20090031842 A 20090330; TW 200930077 A 20090701; US 2009079870 A1 20090326

DOCDB simple family (application)  
**EP 08163050 A 20080827**; CN 200810166279 A 20080925; JP 2007247418 A 20070925; KR 20080094372 A 20080925; TW 97130652 A 20080812; US 22271808 A 20080814